CFG for 'perfect_nested_if_case_2' function

entry:
```
call void @llvm.dbg.value(metadata ptr %a, metadata !49, metadata
... !DIExpression()), !dbg !58
call void @llvm.dbg.value(metadata ptr %b, metadata !50, metadata
... !DIExpression()), !dbg !58
call void @llvm.dbg.value(metadata ptr %c, metadata !51, metadata
... !DIExpression()), !dbg !58
call void @llvm.dbg.value(metadata ptr %cond, metadata !52, metadata
... !DIExpression()), !dbg !58
call void @llvm.dbg.value(metadata i32 %n, metadata !53, metadata
... !DIExpression()), !dbg !58
%call = tail call double @getTimeMiliSeconds(), !dbg !59
call void @llvm.dbg.value(metadata double %call, metadata !55, metadata
... !DIExpression()), !dbg !58
%0 = load i32, ptr @EventSet, align 4, !dbg !60, !tbaa !62
%call1 = tail call i32 @PAPI_start(i32 noundef %0) #10, !dbg !66
call void @llvm.dbg.value(metadata i32 %call1, metadata !54, metadata
... !DIExpression()), !dbg !58
%cmp.not = icmp eq i32 %call1, 0, !dbg !67
br i1 %cmp.not, label %for.cond.preheader, label %if.then, !dbg !68
```
T | F

for.cond.preheader:
```
call void @llvm.dbg.value(metadata i32 0, metadata !56, metadata
... !DIExpression()), !dbg !69
%cmp362 = icmp sgt i32 %n, 0, !dbg !70
br i1 %cmp362, label %for.body.preheader, label %for.cond.cleanup, !dbg !72
```
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if.then:
```
%1 = load ptr, ptr @stderr, align 8, !dbg !73, !tbaa !75
%call2 = tail call i32 (ptr, ptr, ...) @fprintf(ptr noundef %1, ptr noundef
... nonnull @.str, i32 noundef %call1, ptr noundef nonnull @.str.1, i32 noundef
... 152) #11, !dbg !73
tail call void @exit(i32 noundef %call1) #12, !dbg !73
unreachable, !dbg !73
```

for.body.preheader:
```
%wide.trip.count = zext i32 %n to i64, !dbg !70
br label %for.body, !dbg !72
```

for.body:
```
%indvars.iv = phi i64 [ 0, %for.body.preheader ], [ %indvars.iv.next,
... %for.inc ]
call void @llvm.dbg.value(metadata i64 %indvars.iv, metadata !56, metadata
... !DIExpression()), !dbg !69
%arrayidx = getelementptr inbounds i8, ptr %cond, i64 %indvars.iv, !dbg !82
%3 = load i8, ptr %arrayidx, align 1, !dbg !82, !tbaa !85, !range !87
%tobool.not = icmp eq i8 %3, 0, !dbg !82
br i1 %tobool.not, label %for.inc, label %if.then4, !dbg !88
```
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if.then4:
```
%arrayidx6 = getelementptr inbounds i32, ptr %a, i64 %indvars.iv, !dbg !89
%4 = load i32, ptr %arrayidx6, align 4, !dbg !89, !tbaa !62
%arrayidx8 = getelementptr inbounds i32, ptr %b, i64 %indvars.iv, !dbg !92
%5 = load i32, ptr %arrayidx8, align 4, !dbg !92, !tbaa !62
%cmp9 = icmp sgt i32 %4, %5, !dbg !93
br i1 %cmp9, label %if.then10, label %for.inc, !dbg !94
```
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if.then10:
```
%arrayidx12 = getelementptr inbounds i32, ptr %c, i64 %indvars.iv, !dbg !95
%6 = load i32, ptr %arrayidx12, align 4, !dbg !95, !tbaa !62
%cmp15 = icmp sgt i32 %6, %5, !dbg !98
br i1 %cmp15, label %if.then16, label %if.else, !dbg !99
```
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if.then16:
```
%add = add nsw i32 %5, %4, !dbg !100
store i32 %add, ptr %arrayidx12, align 4, !dbg !102, !tbaa !62
br label %for.inc, !dbg !103
```

if.else:
```
%sub = sub nsw i32 %4, %5, !dbg !104
store i32 %sub, ptr %arrayidx6, align 4, !dbg !106, !tbaa !62
br label %for.inc
```

for.inc:
```
%indvars.iv.next = add nuw nsw i64 %indvars.iv, 1, !dbg !107
call void @llvm.dbg.value(metadata i64 %indvars.iv.next, metadata !56,
... metadata !DIExpression()), !dbg !69
%exitcond.not = icmp eq i64 %indvars.iv.next, %wide.trip.count, !dbg !70
br i1 %exitcond.not, label %for.cond.cleanup, label %for.body, !dbg !72,
... !llvm.loop !108
```
T | F

for.cond.cleanup:
```
%2 = load i32, ptr @EventSet, align 4, !dbg !77, !tbaa !62
%call32 = tail call i32 @PAPI_stop(i32 noundef %2, ptr noundef nonnull
... @CounterValues) #10, !dbg !79
call void @llvm.dbg.value(metadata i32 %call32, metadata !54, metadata
... !DIExpression()), !dbg !58
%cmp33.not = icmp eq i32 %call32, 0, !dbg !80
br i1 %cmp33.not, label %if.end36, label %if.then34, !dbg !81
```
T | F

if.end36:
```
%call37 = tail call double @getTimeMiliSeconds(), !dbg !114
%sub38 = fsub double %call37, %call, !dbg !115
store double %sub38, ptr @ExecutionTime, align 8, !dbg !116, !tbaa !117
ret void, !dbg !119
```

if.then34:
```
%7 = load ptr, ptr @stderr, align 8, !dbg !112, !tbaa !75
%call35 = tail call i32 (ptr, ptr, ...) @fprintf(ptr noundef %7, ptr noundef
... nonnull @.str, i32 noundef %call32, ptr noundef nonnull @.str.1, i32 noundef
... 169) #11, !dbg !112
tail call void @exit(i32 noundef %call32) #12, !dbg !112
unreachable, !dbg !112
```